In the Claims:

1. (Currently Amended) An simulated steering feel system comprising:

an input device positioned within an automobile;

a servo disk motor in communication with said input device;

a vehicle dynamics element; and

a steering feel control processor in communication with said servo disk motor and said vehicle dynamics element, said a steering feel control processor generating a feedback torque based on information from said vehicle dynamics element, said servo disk motor ~~capable of~~ imparting said feedback torque onto ~~to an~~ said input device;

wherein said input device is part of a steer by wire system, said input device having no mechanical steering connection.

2. (cancelled) A simulated steering feel system as described in claim 1 further comprising a steering feel control processor.

3. (Currently Amended) A simulated steering feel system as described in claim 1 ~~further comprising~~ wherein said vehicle dynamics element comprises at least one vehicle dynamic sensor.

4. (Currently Amended) A simulated steering feel system as described in claim 1 further comprising:

a torque multiplier positioned between said input device and said servo disk motor, said torque multiplier ~~utilized to~~ magnifying said feedback torque generated by said servo disk motor before imparting onto said input device.

5. (Original) A simulated steering feel system as described in claim 4 wherein said torque multiplier is a gear reducer.

6. (Original) A simulated steering feel system as described in claim 1 wherein said input device is a steering wheel.

7. (Currently Amended) A simulated steering feel system as described in claim 1 further comprising:

a steering wheel sensor element in communication with said input device, said steering wheel sensor element communicating movement of said input device to said steering feel control processor.

8. (cancelled) A simulated steering feel system as described in claim 1 for use in a driving simulator.

9. (Cancelled) A simulated steering feel system as described in claim 1 for use in an entertainment device.

10. (Cancelled).

11. (Currently Amended) A simulated steering feel system as described in claim 1 further comprising:

a motor driver element positioned between said steering feel control processor and said servo disk motor, said motor driver element utilized to operate said servo disk motor.

12. (Currently Amended) A simulated steering feel system comprising:

a steering wheel positioned within an automobile, said steering wheel part of a steer by wire system, said steering wheel having no mechanical steering connection;

a servo disk motor in communication with said steering wheel; and

a vehicle dynamics element; and

a steering feel control processor in communication with said servo disk motor and said vehicle dynamics element, said a steering feel control processor generating a feedback

torque based on information from said vehicle dynamics element, said servo disk motor imparting said feedback torque onto said steering wheel;

a torque multiplier positioned between said steering wheel and said servo disk motor, said torque multiplier ~~used in conjunction with~~ to relay said feedback torque from said servo disk motor to said steering wheel to impart road feel ~~to a steering wheel~~;

wherein said steering wheel is part of a steer by wire system, said steering wheel having no mechanical steering connection.

13. (Original) A simulated steering feel system as described in claim 12 wherein said torque multiplier is a gear reducer.

14. (cancelled) A simulated steering feel system as described in claim 12 further comprising:

a steering feel control processor.

15. (Currently Amended) A simulated steering feel system as described in claim 12 ~~further comprising~~ wherein said vehicle dynamics element comprises at least one vehicle dynamic sensor.

16. (Currently Amended) A simulated steering feel system as described in claim 12 further comprising:

a steering wheel sensor element in communication with said steering wheel, said steering wheel sensor element communicating movement of said steering wheel to said steering feel control processor.

17. (Currently Amended) A simulated steering feel system as described in claim 12 further comprising:

a motor driver element positioned in between said steering feel control processor and said servo disk motor, said motor driver element utilized to operate said servo disk motor.

18. (cancelled) A simulated steering feel system as described in claim 12 for use in a driving simulator.

19. (cancelled) A simulated steering feel system as described in claim 12 for use in an entertainment device.

20. (Cancelled).

21. (Currently Amended) A method of creating simulated steering feel comprising:

monitoring vehicle dynamic sensors positioned within an automobile;

utilizing a steering feel control processor to develop a feedback torque based on said vehicle dynamic sensors;

communicating said feedback torque from said steering feel control processor to a servo disk motor;

~~determining an appropriate feedback torque;~~ and

transmitting said feedback torque ~~towards the~~ onto a steering wheel using ~~a~~ said servo disk motor.

22. (cancelled) A method of creating simulated steering feel as described in claim 21 wherein determining appropriate feedback torque comprises the steps of measuring vehicle dynamics characteristics; and

imputing an appropriate feedback torque using said vehicle dynamic characteristics.

23. (Currently Amended) A method of simulating steering feel as described in claim 21 further comprising the step of increasing the output of said servo disk motor using a gear reducer, said gear reducer positioned between said servo disk motor and said steering wheel.